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## PATENT ABSTRACTS OF JAPAN

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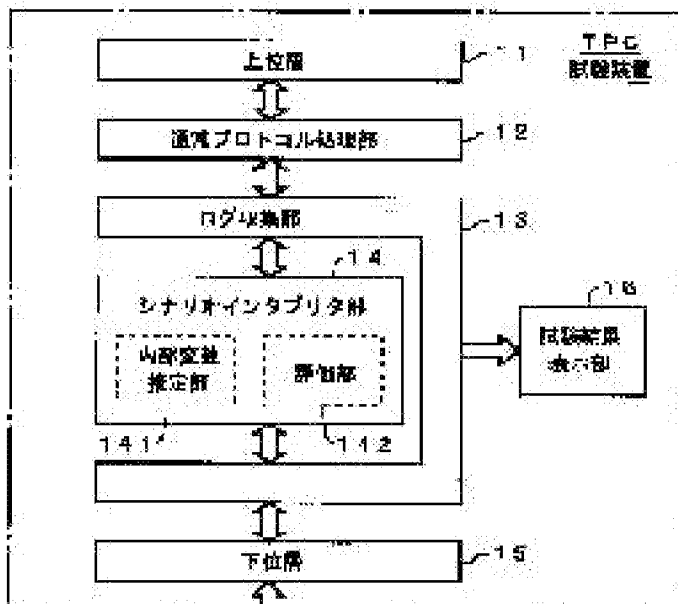
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### (54) TESTING DEVICE FOR COMMUNICATION PROTOCOL

#### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a testing device for a communication protocol with which an internal variable on the communication protocol of a device to be tested is estimated and the communication protocol is evaluated on the basis of the estimated result.

**SOLUTION:** In the testing device for the communication protocol with which data are exchanged by communicating with the device to be tested and the communication protocol packaged in the device to be tested is evaluated, the testing device is provided with an estimation means for estimating the internal variable on the communication protocol of the device to be tested, and an evaluation means for evaluating the communication protocol of the device to be tested on the



basis of the estimated internal variable. The estimation means estimates the internal variable on the basis of data transmitted from the device to be tested to the testing device and data transmitted from the testing device to the device to be tested.



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